Index of Claims

| App | lication | /Contro | l No |
|-----|----------|---------|------|

09/845,315 Examiner

Thai Tran

Applicant(s)/Patent under Reexamination

WADA, HIROFUMI

Art Unit

2616

| 7 | Rejected |  |
|---|----------|--|
|   | Allowed  |  |

| 1 | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| - | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Cla  | aim      | n Date |          |          |          |          |          | Cla      | aim             | Date     |    |              |          |                 |          | 7                  | CI     | aim             | Date     |         |       |       |            |          |                     |  |          |          |          |           |           |          |
|--|----------|--------|----------|----------|----------|----------|----------|----------|-----------------|----------|----|--------------|----------|-----------------|----------|--------------------|--------|-----------------|----------|---------|-------|-------|------------|----------|---------------------|--|----------|----------|----------|-----------|-----------|----------|
|  |          |        |          | П        |          |          |          |          |                 |          |    |              |          |                 |          |                    |        |                 |          |         | 7     |       |            |          |                     |  |          | $\neg$   | 丁        |           | Т         |          |
| Final  | Original | 6/8/05 |          |          |          |          |          |          |                 |          |    | Final        | Original |                 |          |                    |        |                 |          |         |       | Final | Original   |          |                     |  |          |          |          |           |           | į        |
| "  | ŏ        | 9      |          |          |          |          |          |          |                 |          |    | ш.           | ō        |                 | ŀ        |                    |        |                 |          |         |       | ட     | ō          |          |                     |  |          | -        |          |           |           |          |
|  | 0        | 7      |          | $\dashv$ | $\dashv$ |          | H        | -        | Н               |          |    |              | 51       | $\vdash$        | $\dashv$ |                    | ╁      | Н               | +        | +       | -     |       | 101        | _        | ╁                   | $\dashv$   | ┪        | -        | -        | +         | $\dashv$  | _        |
|  | Ŏ        | Ť      | Н        | $\dashv$ |          |          |          | Н        | H               |          |    |              | 52       |                 | $\dashv$ | +                  | T      | H               | $\dashv$ | +       | 1     |       | 102        | -        |                     | 十  | ┪        | $\dashv$ | $\dashv$ | +         | $\dashv$  |          |
|  | 3        | 1      | П        |          |          |          | П        | П        | Н               |          |    |              | 53       |                 | 寸        |                    | +      | Н               | $\dashv$ | +       | 7     |       | 103        |          |                     | _  | ┪        | _        | 7        | $\forall$ | _         | _        |
|  | 4        | 4      |          |          |          |          |          |          |                 |          |    |              | 54       |                 |          |                    | 1      | П               |          | $\top$  | 7     |       | 104        | _        | П                   | ┪  | 7        | $\dashv$ | 寸        | 十         | ヿ         |          |
|  | 5        | 1      |          |          |          |          |          |          |                 |          |    |              | 55       |                 |          |                    |        |                 |          |         |       |       | 105        |          |                     | $\neg$   | 7        | $\neg$   | 丁        | $\neg$    | ヿ         |          |
|  | 6        | 7      |          |          |          |          |          |          |                 |          |    |              | 56       |                 |          |                    |        |                 |          |         | ]!!!! |       | 106        |          |                     |  |          |          |          | $\Box$    | $\Box$    |          |
|  | 7        | 7      | L        |          |          |          | Ш        |          |                 |          |    |              | 57       |                 | i        |                    |        | Ш               |          |         | _     |       | 107        |          |                     | _  | _        |          |          | _         |           |          |
|  | 8        | 1      | Щ        | _        | _        |          | Ш        |          |                 |          |    |              | 58       | Ш               | _        |                    | 4      | Ш               | 4        | _       | _     |       | 108        |          | $\sqcup$            | $\perp$  | $\dashv$ | _        | _        | $\perp$   | _         |          |
|  | 9        | 1      | L        |          |          |          | Ш        | Ш        |                 |          |    |              | 59       |                 | _        |                    | _      |                 | _        |         | 4     |       | 109        |          | $\sqcup$            | _  | 4        | _        | _        | $\dashv$  | _         |          |
|  | 60       | ¥      | -        |          |          |          | Ш        | Н        |                 |          |    |              | 60       | Н               | -        |                    | ╁      | $\sqcup$        | _        |         | -     |       | 110        |          | $\vdash$            | _  | 4        |          | -        | +         | -         |          |
| <u> </u>   | 11       |        | Н        | $\dashv$ | -        |          | Н        |          | $\vdash \vdash$ |          |    |              | 61       | Н               | -}       | -                  | +      | $\vdash$        | -        | +       | -     |       | 111        |          | ₩                   | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$  | _        |
| <del> </del>                                     | 12       |        | $\vdash$ |          | $\dashv$ |          | Н        | $\vdash$ | ├┤              |          |    | -            | 62<br>63 | $\vdash$        | $\dashv$ | +                  | +      | $\vdash$        | -        | +       | -     |       | 112        |          | $\vdash$            | +  | -        | -        | -        | +         | $\dashv$  | _        |
| <del>                                     </del> | 14       |        | H        | $\dashv$ |          |          | Н        | Н        | $\vdash$        |          |    |              | 64       | $\vdash$        | -+       | +                  | +      | $\vdash$        | $\dashv$ | +       | -     |       | 113<br>114 | -        | $\vdash \vdash$     | +  | -        | $\dashv$ | $\dashv$ | +         | $\dashv$  | _        |
| $\vdash$   | 15       |        | Н        | $\dashv$ | _        |          | Н        | H        | $\vdash \vdash$ | -        |    | <del> </del> | 65       | Н               | $\dashv$ | +                  | +      | $\vdash$        | $\dashv$ | +       | -     |       | 115        | Н        | $\vdash$            | +  | $\dashv$ | -        | -+       | +         | $\dashv$  | _        |
| <b>—</b>   | 16       |        | Н        | $\dashv$ |          | $\neg$   | Н        | H        | $\vdash$        |          |    |              | 66       | Н               | $\dashv$ | +                  | +-     | $\vdash$        | $\dashv$ | +       | 1     |       | 116        | -        | -                   | $\dashv$   | $\dashv$ | $\dashv$ | -+       | $\dashv$  | $\dashv$  | _        |
|  | 17       |        | H        | 7        |          | Н        | H        | Н        | $\vdash$        |          |    |              | 67       | $\vdash$        | $\dashv$ | +                  | +      | $\vdash$        | $\dashv$ | +       | 1     |       | 117        |          | $\vdash$            | $\dashv$   | $\dashv$ | +        | $\dashv$ | $\dashv$  | $\dashv$  | _        |
|  | 18       |        |          | $\neg$   |          |          |          | П        |                 |          |    |              | 68       | H               | 7        | _                  | +      | Н               | 十        | $\top$  | 7     |       | 118        |          | $\vdash$            | 十  | ┪        | -        |          | $\dashv$  | $\dashv$  | —        |
|  | 19       |        |          |          |          |          | П        |          | П               |          |    |              | 69       |                 | $\neg$   |                    | $\top$ | П               |          | 十       |       |       | 119        |          |                     | $\neg$   | 寸        | $\neg$   | $\dashv$ | $\dashv$  | 寸         | $\neg$   |
|  | 20       |        |          |          |          |          |          |          |                 |          |    |              | 70       | П               |          |                    |        |                 |          | 1       | 7     |       | 120        |          |                     | 寸  | T        | $\dashv$ | 寸        | $\top$    | ヿ         |          |
|  | 21       |        |          |          |          |          |          |          |                 |          |    |              | 71       |                 |          |                    |        |                 |          |         |       |       | 121        |          | П                   | T  | 7        | $\neg$   | ヿ        | T         | 丁         |          |
|  | 22       |        |          |          |          |          |          |          |                 |          |    |              | 72       |                 |          |                    |        |                 |          |         |       |       | 122        |          |                     |  |          |          |          |           |           |          |
|  | 23       |        |          | _        | _        |          |          | Ш        |                 |          |    |              | 73       | Ш               |          |                    |        |                 |          |         |       |       | 123        |          |                     | $\Box$   |          |          |          | $\Box$    | $\Box$    |          |
|  | 24       |        |          |          | _        |          | _        | L        | Щ               |          |    |              | 74       |                 |          |                    | 1_     | Ш               |          |         | _     |       | 124        |          | Ш                   |  |          | _        |          |           |           |          |
|  | 25       |        |          |          | _        |          |          | Li       |                 | _        |    |              | 75       | Ш               | _        | _                  | 4_     | Щ               | _        | $\perp$ | 4     |       | 125        |          |                     | _  | 4        | 4        | _        | $\dashv$  | $\dashv$  |          |
|  | 26       |        |          | _        |          |          | -        | -        | $\vdash \vdash$ | _        |    |              | 76       |                 | -1       | _                  | -      | H               | _        |         | 4     |       | 126        |          | $\sqcup$            | $\dashv$   | _        | 4        | _        | $\dashv$  | _         |          |
| <u> </u>   | 27<br>28 |        | Н        | _        | -        | _        | -        | Н        | $\vdash \vdash$ | -        |    |              | 77       | $\vdash$        | -+       |                    | +-     | $\vdash$        |          |         | -     |       | 127        |          | $\vdash$            | $\dashv$   | -        | -        | -        | +         | $\dashv$  | <u>.</u> |
|  | 29       |        |          |          | $\dashv$ | _        |          | Н        | $\vdash$        | -        |    |              | 78<br>79 | H               | -+       |                    | +      | Н               | -+-      | +       | -     |       | 128<br>129 |          | $\vdash$            | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$ | +         | $\dashv$  | _        |
| <u> </u>   | 30       |        | Н        |          | $\dashv$ |          |          | Н        | $\vdash$        | -        |    |              | 80       | Н               | $\dashv$ | -                  | +      | $\vdash$        | +        | -       | -     |       | 130        |          | $\vdash$            | $\dashv$   | $\dashv$ | ┰        | +        | +         | $\dashv$  | _        |
|  | 31       |        |          | ᅥ        | $\dashv$ | $\vdash$ |          | Н        | $\vdash$        |          |    |              | 81       | Н               | $\dashv$ | -                  | +-     | Н               | -        |         | -     |       | 131        |          | -                   | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$  | _        |
| _  | 32       |        | $\vdash$ | _        | $\dashv$ | $\vdash$ | $\vdash$ | Н        | $\vdash$        |          |    |              | 82       | $\vdash$        | $\dashv$ | +                  | +      | $\vdash$        | $\dashv$ | _       | -     |       | 132        |          | ╁                   | $\dashv$   | ┪        | -        | $\dashv$ | +         | $\dashv$  | _        |
|  | 33       | -      | $\vdash$ |          |          |          |          |          | $\Box$          |          |    |              | 83       | П               | 寸        |                    | 1      | $\vdash$        | 1        |         | 7     |       | 133        |          |                     | $\dashv$   | 1        | 寸        | $\dashv$ | $\dashv$  | $\dashv$  | -        |
|  | 34       |        | П        | $\neg$   | ᅥ        | $\Box$   | $\Box$   | П        | $\Box$          |          |    |              | 84       | П               | 一        | $\top$             | 1.     | $\Box$          | $\dashv$ | 1       | 1     |       | 134        | -        | $\Box$              | $\dashv$   | $\dashv$ | 寸        | _        | 十         | 7         |          |
|  | 35       |        |          |          |          |          |          |          |                 |          |    |              | 85       |                 |          |                    |        |                 |          |         | ]     |       | 135        |          | П                   | 寸  | 7        | T        | 寸        | 寸         | $\exists$ | _        |
|  | 36       |        |          |          |          |          |          |          |                 |          |    | •            | 86       |                 |          |                    |        |                 |          |         |       |       | 136        |          |                     | 7  |          |          | 寸        | 十         | $\exists$ |          |
|  | 37       |        |          |          |          |          | $\Box$   |          |                 |          |    |              | 87       |                 |          |                    |        |                 |          |         |       |       | 137        |          |                     |  |          | J        | J        | $\Box$    |           | _        |
|  | 38       |        |          | $\Box$   | $\Box$   |          |          | Ш        |                 |          |    |              | 88       |                 | $\Box$   | $oldsymbol{\perp}$ |        | Ш               |          |         |       |       | 138        |          |                     | $oldsymbol{ol}}}}}}}}}}}}}}$ |          |          |          | $\Box$    | $\Box$    |          |
| <u> </u>   | 39       |        |          | _        |          |          | Ш        | Ш        | Ш               |          |    |              | 89       | Ш               | $\perp$  |                    | _      | Ш               |          |         | 4     |       | 139        |          | Щ                   | _[   | Ţ        | _Ţ       | $\dashv$ | $\bot$    | J         |          |
| <u> </u>   | 40       |        | Щ        |          | _        |          |          | Ш        | $\square$       | _        |    |              | 90       |                 | _        |                    | ╄-     | $\sqcup$        | $\perp$  | 4       |       |       | 140        |          | $\sqcup$            | $\perp$  | _        | _        | _        | _         | _         |          |
| <u> </u>   | 41       |        |          | _        | _        |          | $\sqcup$ | Ш        | $\sqcup$        |          |    |              | 91       | $\sqcup$        | $\perp$  | $\perp$            | ↓_     | Щ               | 4        | $\bot$  | 4     |       | 141        |          | $\sqcup$            | 4  | _        | _        |          | _         | $\dashv$  |          |
|  | 42       | _      | dash     | _        | _        | _        |          | Н        | $\vdash \vdash$ | 4        |    |              | 92       | $\vdash$        | -        | _                  | ـ      | $\vdash$        | $\dashv$ | +       | 4     |       | 142        |          | $\vdash \downarrow$ | $\dashv$   | -        | _        | _        | $\dashv$  | 4         | _        |
| <b> </b>   | 43       | _      |          | -        | _        | -        | $\vdash$ | $\vdash$ | $\vdash$        | $\dashv$ |    |              | 93       | $\vdash \vdash$ | $\dashv$ | +                  | —      | ┝               | -        | +       | -     |       | 143        |          | $\vdash \downarrow$ | 4  | _        |          | _        | $\dashv$  | 4         |          |
|  | 44<br>45 |        | $\vdash$ | $\dashv$ | -        | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash \vdash$ | _        |    | -            | 94<br>95 | $\vdash \vdash$ | $\dashv$ | +                  | +      | $\vdash \vdash$ | $\dashv$ | -       | -     | -     | 144        | _        | $\vdash \vdash$     | $\dashv$   | $\dashv$ | -        |          | +         | $\dashv$  | _        |
|  | 46       | _      |          |          | $\dashv$ |          | $\vdash$ | $\vdash$ | $\vdash \vdash$ | _        |    |              | 96       | $\vdash \vdash$ | $\dashv$ | +                  | +      | $\vdash \vdash$ | +        | -       | -     |       | 145<br>146 | $\vdash$ | $\vdash \vdash$     | +  | $\dashv$ | $\dashv$ | $\dashv$ | +         | $\dashv$  |          |
|  | 47       | -      |          | $\dashv$ | $\dashv$ | -        | $\vdash$ | Н        | $\vdash \vdash$ | -        |    |              | 97       | $\vdash \vdash$ | $\dashv$ | $\dashv$           | +      | $\vdash$        | $\dashv$ | +       | -     |       | 147        |          | $\vdash \vdash$     | +  | +        | $\dashv$ | $\dashv$ | +         | $\dashv$  |          |
|  | 48       | _      | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$ | H        | $\vdash$        | $\dashv$ |    |              | 98       | $\vdash$        | +        | +                  | +      | $\vdash \vdash$ | $\dashv$ | +       | -     |       | 148        |          | $\vdash \vdash$     | +  | $\dashv$ | $\dashv$ | $\dashv$ | +         | $\dashv$  |          |
|  | 49       |        |          | -        | $\dashv$ | $\dashv$ | $\vdash$ | $\vdash$ | $\dashv$        | $\dashv$ |    |              | 99       |                 | $\dashv$ | +                  | +-     | $\vdash \vdash$ | +        | +-      | -     |       | 149        |          |                     | $\dashv$   | ᅱ        | +        | -+       | -+        | $\dashv$  | $\dashv$ |
|  | 50       |        |          | $\dashv$ | _        | $\neg$   | $\vdash$ | $\vdash$ |                 | $\dashv$ |    |              | 100      | $\vdash$        | $\dashv$ | +                  | +      | $\vdash$        | $\dashv$ | +       | 1     |       | 150        | -        | $\vdash$            | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$ | +         | $\dashv$  | -        |
|  |          |        | ш.       |          | 1        |          |          |          |                 |          | ٠١ |              |          |                 |          |                    |        |                 |          | —       |       |       | 100        |          | Щ.                  |  | _        |          |          |           | _         |          |